

# **Technical Data Sheet**

# ACS Material Diamond Nanoparticle 4-7nm

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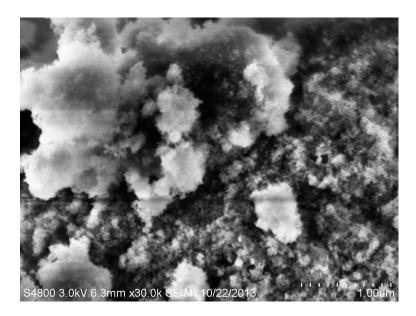
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#### 1. Preparation Method

**Detonation Method** 

#### 2. Characterizations

BET surface area (m <sup>2</sup> /g):	300-420
Total impurity ions (ppm):	<20
Size distribution:	4-7 nm



Typical SEM Image of ACS Material Diamond Nanoparticles

## 3. Application Fields

- 1) Lubricant and coolant additives
- 2) Polymer composites
- 3) Sintered body
- 4) Magnetic recording system
- 5) Polishing materials

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